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DECLASS REVIEW BY NIMA / DoD

TCS #7694/64  
PID/ABCB 176/64  
11 August 1964  
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MEMORANDUM FOR: Chief, Nuclear Energy Division, OSI

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ATTENTION: [REDACTED]

THROUGH: Chief, Requirements Branch, Reconnaissance  
Group, CGS

FROM: Chief, CIA/PID(NPIC)

SUBJECT: Search for Reported Nuclear Reactors Near  
Nan-k'ou, China

REFERENCES: Requirement No. C-SI4-81,621  
CIA Project No. C 1216/64

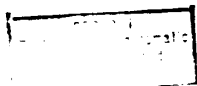
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1. A search was made using available [REDACTED] and KEYHOLE photography of the Nan-k'ou area of China in search of two reported nuclear reactors referenced in the letter attachment to requirement C-SI4-81,621.

2. Two areas were located that might be the basis for the reported reactors. One area (Area #1) is located approximately 2 nautical miles (nm) northeast of Nan-k'ou at 40-16N 116-09E, and the other area (Area #2) is located approximately 6 nm south of Nan-k'ou at 40-08N 116-08E.

3. Area #1 is a walled facility containing one large H-shaped administration/research-type building with a raised central section, one tall stack with an associated probable air exhaust and filter building, a small heating/power plant with associated stack, four large buildings of which three are served by good roads, a possible water reservoir and approximately 12 smaller buildings. A small hill with a building situated at the top is located in the northern part of the walled area. A gate security building is visible inside the wall and beside the main road entering the area. Another building outside the wall may serve in a security capacity for the only other road to enter the area.

4. Area #2 is also walled and contains one large highbay-monitor roofed building, one very tall stack with an associated probable air exhaust and filter building, a probable heating/power



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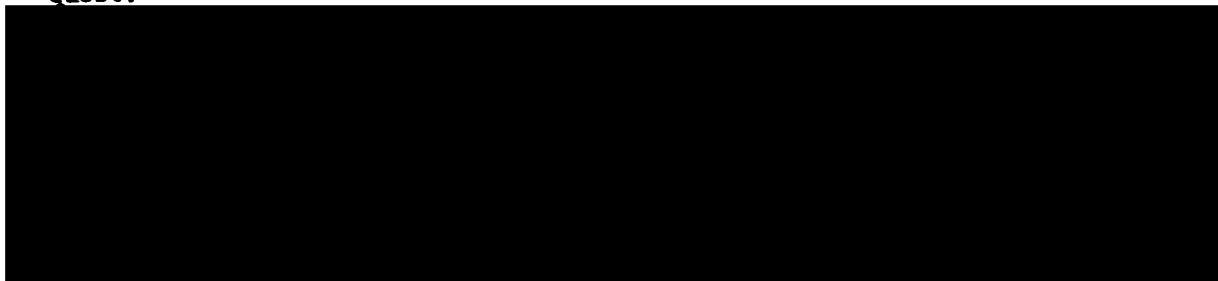
plant with associated stack and approximately 20 other buildings. The highbay-monitor roofed building, the very tall stack with the probable associated air exhaust and filter building and a rectangular flat roofed building are separated from the remainder of the area by a wall. Structures in the remainder of the area consist of five buildings with various monitor roof designs including one three-level building with a monitor roof on the lowest level, one building with two apparently rounded monitors traversing the entire length of the roof, two rectangular flat-roofed buildings each with two large probably square vents, one small high-bay section building, a small stack between and east of the two buildings with the probable square vents, and several smaller buildings. Two small possible water retention basins are located west of the fenced area.

5. Areas 1 and 2 are located in the immediate vicinity of the previously reported Armor Training Complex (PIB-TK-66-63). A driver training area for the complex is just east of Area #1, and Area #2 is just south of the possible Headquarters/Support Installation for this complex.

6. No guard towers or extra security measures other than the wall enclosure were noted at these two areas. This lack of extra security measures tends to downgrade the possibility that these two facilities have nuclear reactors.

7. Dimensions of the tall stacks and photographs of each area have been requested and will be forwarded as soon as they become available.

8. The following photography was used in answering this request:



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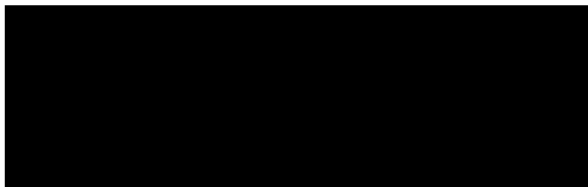


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10. The photo analyst on this project is [redacted] He may be contacted on extension 2846 should you have further questions regarding this section of the reply to the referenced requirement.

11. This memorandum is to be regarded as a partial reply to the referenced requirement. Additional information will be forwarded at a later date.

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